

What is claimed is:

SUB A'

1. A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for transmitting data arrival information by taking the difference of the type of each user terminal into considerations.

2. A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for transmitting data arrival information by taking the difference of the type of each user terminal into considerations which includes a receiving means for receiving the data arrival information, a terminal type storing means for preliminarily storing the type of each user terminal, a data arrival information type determining means for determining the type of the data arrival information received by the receiving means on the basis of each user terminal type stored in the terminal type storing means, a data arrival information editing means for editing data arrival information on the basis of the data arrival information received by the receiving means and the data arrival information type determined by the data arrival information type determining means, and a data arrival information transmitting means for transmitting the data arrival information edited in the data arrival information

10073100-024202

editing means to the user terminal via the radio network.

3. The data arrival informing system according to claim 2, wherein the data arrival information editing means edits data arrival information taking at least adequate maximum received data quantity and data description language into considerations on the basis of the type of data arrival information determined in the data arrival information type determining means.

4. The data arrival informing system according to claim 2, wherein the data arrival information transmitting means transmits data arrival information taking at least adequate radio network, data transfer protocol and connecting system into considerations on the basis of the type data arrival information as determined on the data arrival information type determining means.

5. The data arrival information editing means according to claim 2, wherein the terminal type storing means has such a construction as to store a predetermined user terminal type.

6. A data arrival informing system for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing means for transmitting data arrival information by taking the difference of the type

10073400-021207

of each user terminal into considerations which includes a receiving means for receiving the data arrival information, a terminal type storing means for preliminarily storing the type of each user terminal, a data arrival information type determining means for determining the type of the data arrival information received by the receiving means on the basis of each user terminal type stored in the terminal type storing means, a data arrival information editing means for editing data arrival information on the basis of the data arrival information received by the receiving means and the data arrival information type determined by the data arrival information type determining means, and a data arrival information transmitting means for transmitting the data arrival information edited in the data arrival information editing means to the user terminal via the radio network, the terminal type storing means dynamically storing the user terminal type at the time of the provision of a data-obtaining request from the user terminal.

7. The data arrival informing system according to claim 6, wherein the data arrival information dealing means includes a means for causing the terminal type contained in the data-obtaining request from the user terminal to be read out and stored in the terminal type storing means.

8. A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for transmitting data arrival information by taking the difference of the type of each user terminal into considerations.

9. A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for transmitting data arrival information by taking the difference of the type of each user terminal into considerations, which includes a receiving step for receiving the data arrival information, a terminal type storing step for preliminarily storing the type of each user terminal, a data arrival information type determining step for determining the type of the data arrival information received by the receiving means on the basis of each user terminal type stored in the terminal type storing means, a data arrival information editing step for editing data arrival information on the basis of the data arrival information received by the receiving step and the data arrival information type determined by the data arrival information type determining step, and a data arrival information transmitting step for transmitting the data arrival information edited in the data arrival information editing step to the user terminal via the radio network.

10. The data arrival informing method according to claim 7, wherein the data arrival information editing step edits data arrival information taking at least adequate maximum received data quantity and data description language into considerations on the basis of the type of data arrival information determined in the data arrival information type determining step.

11. The data arrival informing method according to claim 9, wherein the data arrival information transmitting step transmits data arrival information taking at least adequate radio network, data transfer protocol and connecting system into considerations on the basis of the type data arrival information as determined on the data arrival information type determining step.

12. The data arrival information method according to claim 9, wherein the terminal type storing step has such a construction as to store a predetermined user terminal type.

13. A data arrival informing method for informing data arrival to a user terminal in a network accessing environment based on a radio network, comprising a data arrival information dealing step for transmitting data arrival information by taking the difference of the type of each user terminal into considerations which includes

